

				Provider:	
Specimen:		Plasma (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:		22 Sep 2023 @ 0955		Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
PROTEIN	7.4	g/dL	(6.5-8.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALBUMIN	4.4	g/dL	(3.3-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TOTAL BILIRUBIN	0.6	mg/dL	(.3-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
DIRECT BILIRUBIN	<0.1 Low	mg/dL	(0.1-0.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALKALINE PHOSPHATASE	60	IntUnits/L	(37-107)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	The normal range is for an adult population less than 50 years old. Alk Phos increases with age over 50 to about 60% higher values by ages greater than 75 years old.				
AST (SGOT)	21	IntUnits/L	(8-42)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALT (SGPT)	19	IntUnits/L	(5-55)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Type: Chemistry/Hematology			Ordering Provider: DOMA, ANAMIKA		
Specimen: Plasma (substance)			Ordering Location: SACRAMENTO VA MEDICAL CENTER		
Date/Time Collected: 22 Sep 2023 @ 0955			Collected Location: SACRAMENTO VA MEDICAL CENTER		
Test Name	Result	Units	Reference Range	Status	Performing Location
GLUCOSE	113	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
UREA NITROGEN	18	mg/dL	(8-26)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CREATININE	1.11 High	mg/dL	(0.5-1.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
SODIUM	138	mmol/L	(136-144)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
POTASSIUM	4.4	mmol/L	(3.4-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CHLORIDE	104	mmol/L	(98-106)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CO2	25	mmol/L	(23-33)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM	9.5	mg/dL	(8.7-10.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
eGFR (CKD-EPI)	75	--	(>60)	Final	SACRAMENTO VA MEDICAL CENTER

10535 HOSPITAL
WAY, MATHER, CA
95655-4200

Interpretation: Estimated Glomerular Filtration Rate (eGFR) calculated using the 2021 Chronic Kidney Disease-Epidemiology (CKD-EPI) Collaboration creatinine equation; units of measure are mL/min/1.73 m². Results are only valid for adults (=18 years) whose serum creatinine is in a steady state. eGFR calculations are not valid for patients with acute kidney injury and for patients on dialysis. Creatinine-based estimates of kidney function may also be inaccurate in patients with reduced creatinine generation due to decreased muscle mass (e.g., malnutrition, severe hypoalbuminemia, sarcopenia, chronic neuromuscular disease, amputations, severe heart failure or liver disease) and in patients with increased creatinine generation due to increased muscle mass (e.g., muscle builders, anabolic steroids) or increased dietary intake. As drug clearance is proportional to total GFR and not GFR indexed to body surface area (BSA), in individuals with a BSA substantially different than 1.73 m², drug dosing should be based the reported eGFR value de-indexed from BSA by multiplying by the individual's BSA and dividing by 1.73. CKD is diagnosed based on abnormalities of kidney structure or function, present for >3 months, with implications for health and disease. CKD is classified and staged based on cause, eGFR and albuminuria (quantified as urine albumin to creatinine ratio). An eGFR >60 mL/min/1.73 m² in the absence of increased urine albumin excretion or structural abnormalities does not represent CKD.

eGFR (mL/min/1.73 m ²)	CKD stage	Interpretation
>=90	G1	Normal
60-89	G2	Mild decrease
45-59	G3A	Mild to moderate decrease
30-44	G3B	Moderate to severe decrease
15-29	G4	Severe decrease
<15	G5	Kidney failure

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200

Lab Test:	PT w INR~IL ACL	Ordering Provider:	DOMA, ANAMIKA
Lab Type:	Chemistry/Hematology	Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Specimen:	Plasma (substance)	Collected Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	22 Sep 2023 @ 0955		

Test Name	Result	Units	Reference Range	Status	Performing Location
INR	1.0 Low	--	(2.0-3.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL

WAY , MATHER,
CA 95655-4200

Interpretation: Based on the most recent guidelines updated February 2012, for patients treated with Vitamin K Antagonist (VKA) therapy, the recommendation is a therapeutic INR range of 2.0 to 3.0 (target INR of 2.5) rather than a lower (INR< 2) or higher (INR 3.0-5.0) range. Please see guidelines referenced below for detailed discussion: Antithrombotic Therapy and Prevention of Thrombosis: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (9th Edition) Chest Feb 2012: 141(2) 7S-47S.

For patients with mechanical mitral or mechanical mitral and aortic valves, a target INR is 3.0 (2.5-3.5). Please see guidelines referenced below for detailed discussion: Antithrombotic and Thrombolytic Therapy for Valvular Disease: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (9th Edition) Chest Feb 2012.

PROTHROMBIN TIME	10.7	Seconds	(10.4-12.7)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
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Comments: --**Performing Location Name/Address:**

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Thromboplastin Time Partial									
Lab Type:	Chemistry/Hematology		Ordering Provider:	DOMA, ANAMIKA						
Specimen:	Plasma (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER						
Date/Time Collected:	22 Sep 2023 @ 0955		Collected Location:	SACRAMENTO VA MEDICAL CENTER						
Test Name	Result	Units	Reference Range	Status	Performing Location					
PTT	31.3	Seconds	(27.1-39.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					
Comments:	--									
Performing Location Name/Address:										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200										

Lab Test:	Lipid Panel				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Plasma (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	19 Jan 2023 @ 1326		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference	Status	Performing

			Range		Location
CHOLESTEROL	264 High	mg/dL	(<200)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TRIGLYCERIDE	254 High	mg/dL	(<150)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
HDL CHOLESTEROL	47	mg/dL	(>40)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LDL CHOLESTEROL	166 High	mg/dL	(<160)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	<p>Risk enhancing factors are used in concert with the Pooled Cohort Equation (10 Year ASCVD Risk - Borderline and Intermediate Risk) to decide on Management in non-diabetic patients .</p> <p>Family history of premature ASCVD</p> <p>Primary hypercholesterolemia -LDL-C, 160-189 mg/dL *.</p> <p>Metabolic Syndrome</p> <p>Chronic Kidney Disease</p> <p>Chronic inflammatory conditions</p> <p>History of premature menopause (before age 40 yr) and history of pregnancy-associated conditions that increase later ASCVD risk such as preeclampsia.</p> <p>High-risk race/ethnicities</p> <p>Lipid/biomarkers:</p> <p>Persistently* elevated, primary hypertriglyceridemia (>=175 mg/dL);</p> <p>Elevated high hsCRP (>=2.0 mg/L);</p> <p>Elevated Lp(a): A relative indication for its measurement is family history of premature ASCVD without known risk factors. An Lp(a) >=50 mg/dL constitutes a risk-enhancing factor especially at higher levels of Lp(a).</p> <p>Elevated apoB >=130 mg/dL: A relative indication for its measurement would be triglyceride >=200 mg/dL. A level >=130 mg/dL corresponds to an LDL-C >160 mg/dL and constitutes a risk-enhancing factor.</p> <p>ankle-brachial index (ABI) <0.9</p> <p>Risk-Enhancing Factors for Primary Prevention</p> <p>* Optimally, 3 determinations.</p> <p>Rarely if risk status is still uncertain a Coronary Artery Calcium (CAC) Score can be done to inform decision making and statin therapy.</p> <p>In Diabetic patients the following Risk Enhancing Factors help decide on management</p>				

Duration of diabetes: >=10 years for T2DM and >=20 years for T1DM
 Retinopathy
 Albuminuria >30mg/G creatinine
 e-GFR < 60 ml/min/m²
 Decreased ABI <0.9
 Neuropathy
 Reference
 Grundy SM, Stone NJ, Bailey AL, et al. 2018
 AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/ AGS/APhA/ASPC/NLA/PCNA
 guideline on the
 management of blood cholesterol: executive summary: a report of the
 American College of Cardiology/American Heart Association task force on
 clinical practice guidelines. J Am Coll Cardiol 2019; 73: 3168-3209.

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Glycohemoglobin HbA 1c				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Blood (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	19 Jan 2023 @ 1326		Collected Location:	SACRAMENTO VA MEDICAL CENTER	

Test Name	Result	Units	Reference Range	Status	Performing Location
HGBA1c	5.9 High	%	(4.1-5.7)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Interpretation: Target A1C values should be individualized. Better understanding of A1C for Veterans, and discuss treatment options through the process of Shared Decision Making. The performance characteristics of this assay have been certified by the National Glycohemoglobin Standardization Program (NGSP) as having documented traceability to the Diabetes Control and Complications Trial reference method. This assay has been in use at our institution since 02/04/05.

eAG	123 High	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	eAG = Calculated Estimated Average Daily Glucose and may be easier for patients to understand than an A1c result. Calculation: 28.7 x HGBA1c - 46.7				

Comments:	Values obtained from A1C measurements can vary. For typical A1C assays, a reported value of 7.0 could actually be between 6.72 and 7.28 if measured by a reference method. A reported value of 9.0
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could actually be between 8.73 and 9.27.

Ref: <http://www.ngsp.org/CAPdata.asp>**Performing Location Name/Address:**

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Thyroid Stimulating Hormone				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Serum (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	19 Jan 2023 @ 1326		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location
TSH	4.03	uLUnits/mL	(0.34-5.60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Prostate Specific Ag				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Serum (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	19 Jan 2023 @ 1326		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location
PSA	0.99	ng/ml	(0-4.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Vitamin B12				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Serum (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	19 Jan 2023 @ 1326		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location

B12	146 Low	pg/ml	(211-911)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
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Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test: Comprehensive Met Panel					
Test Name	Result	Units	Reference Range	Status	Performing Location
GLUCOSE	116	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
UREA NITROGEN	19	mg/dL	(8-26)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CREATININE	0.91	mg/dL	(0.5-1.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
SODIUM	135 Low	mmol/L	(136-144)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
POTASSIUM	4.2	mmol/L	(3.4-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CHLORIDE	99	mmol/L	(98-106)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CO2	27	mmol/L	(23-33)	Final	SACRAMENTO VA MEDICAL CENTER

					10535 HOSPITAL WAY , MATHER, CA 95655-4200
PROTEIN	7.6	g/dL	(6.5-8.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALBUMIN	4.5	g/dL	(3.3-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TOTAL BILIRUBIN	0.9	mg/dL	(.3-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALKALINE PHOSPHATASE	57	IntUnits/L	(37-107)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	The normal range is for an adult population less than 50 years old. Alk Phos increases with age over 50 to about 60% higher values by ages greater than 75 years old.				
AST (SGOT)	17	IntUnits/L	(8-42)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALT (SGPT)	18	IntUnits/L	(5-55)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM	9.7	mg/dL	(8.7-10.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
eGFR (CKD-EPI)	>90	--	(>60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	Estimated Glomerular Filtration Rate (eGFR) calculated using the 2021 Chronic Kidney Disease-Epidemiology (CKD-EPI) Collaboration creatinine equation; units of measure are mL/min/1.73 m ² . Results are only valid for adults (>18 years) whose serum creatinine is in a steady state. eGFR calculations are not valid for patients with				

acute kidney injury and for patients on dialysis. Creatinine-based estimates of kidney function may also be inaccurate in patients with reduced creatinine generation due to decreased muscle mass (e.g., malnutrition, severe hypoalbuminemia, sarcopenia, chronic neuromuscular disease, amputations, severe heart failure or liver disease) and in patients with increased creatinine generation due to increased muscle mass (e.g., muscle builders, anabolic steroids) or increased dietary intake.

As drug clearance is proportional to total GFR and not GFR indexed to body surface area (BSA), in individuals with a BSA substantially different than 1.73 m², drug dosing should be based the reported eGFR value de-indexed from BSA by multiplying by the individual's BSA and dividing by 1.73

CKD is diagnosed based on abnormalities of kidney structure or function, present for >3 months, with implications for health and disease. CKD is classified and staged based on cause, eGFR and albuminuria (quantified as urine albumin to creatinine ratio). An eGFR >60 mL/min/1.73 m² in the absence of increased urine albumin excretion or structural abnormalities does not represent CKD.

eGFR (mL/min/1.73 m ²)	CKD stage	Interpretation
>=90	G1	Normal
60-89	G2	Mild decrease
45-59	G3A	Mild to moderate decrease
30-44	G3B	Moderate to severe decrease
15-29	G4	Severe decrease
<15	G5	Kidney failure

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Viral PCR Panel~AUTO MOLECULAR INST 3				
Lab Type:	Chemistry/Hematology	Ordering Provider:	DULAI, KAMALPREET		
Specimen:	Structure of naris (body structure)	Ordering Location:	SACRAMENTO VA MEDICAL CENTER		
Date/Time Collected:	07 Jul 2022 @ 1158	Collected Location:	SACRAMENTO VA MEDICAL CENTER		
Test Name	Result	Units	Reference Range	Status	Performing Location
COVID-19 (4-PLEX)	POSITIVE High	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
FLU A (4-PLEX)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
FLU B (4-	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA

PLEX)					MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
RSV (4-PLEX)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: Abbott Alinity M (612A4). A multiplex real-time reverse transcription (RT) polymerase chain reaction (PCR) test intended for the simultaneous qualitative detection and differentiation of RNA from SARS-CoV-2, influenza A virus, influenza B virus, and/or RSV in anterior nasal or nasopharyngeal swab specimens.					
Performing Location Name/Address: SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Lipid Panel				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Plasma (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	09 Jun 2022 @ 1207		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location
CHOLESTEROL	266 High	mg/dL	(<200)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TRIGLYCERIDE	231 High	mg/dL	(<150)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
HDL CHOLESTEROL	42	mg/dL	(>40)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LDL CHOLESTEROL	178 High	mg/dL	(<160)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	Risk enhancing factors are used in concert with the Pooled Cohort Equation (10 Year ASCVD Risk - Borderline and Intermediate Risk) to decide on Management in non-diabetic patients .				

Family history of premature ASCVD
 Primary hypercholesterolemia -LDL-C, 160-189 mg/dL *.
 Metabolic Syndrome
 Chronic Kidney Disease
 Chronic inflammatory conditions
 History of premature menopause (before age 40 yr) and history of pregnancy-associated conditions that increase later ASCVD risk such as preeclampsia.
 High-risk race/ethnicities
 Lipid/biomarkers:
 Persistently* elevated, primary hypertriglyceridemia (≥ 175 mg/dL);
 Elevated high hsCRP (≥ 2.0 mg/L);
 Elevated Lp(a): A relative indication for its measurement is family history of premature ASCVD without known risk factors. An Lp(a) ≥ 50 mg/dL constitutes a risk-enhancing factor especially at higher levels of Lp(a).
 Elevated apoB ≥ 130 mg/dL: A relative indication for its measurement would be triglyceride ≥ 200 mg/dL. A level ≥ 130 mg/dL corresponds to an LDL-C > 160 mg/dL and constitutes a risk-enhancing factor.
 ankle-brachial index (ABI) < 0.9
 Risk-Enhancing Factors for Primary Prevention
 * Optimally, 3 determinations.
 Rarely if risk status is still uncertain a Coronary Artery Calcium (CAC) Score can be done to inform decision making and statin therapy.
 In Diabetic patients the following Risk Enhancing Factors help decide on management
 Duration of diabetes: ≥ 10 years for T2DM and ≥ 20 years for T1DM
 Retinopathy
 Albuminuria > 30 mg/G creatinine
 eGFR < 60 ml/min/m²
 Decreased ABI < 0.9
 Neuropathy
 Reference
 Grundy SM, Stone NJ, Bailey AL, et al. 2018
 AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/ AGS/APhA/ASPC/NLA/PCNA guideline on the
 management of blood cholesterol: executive summary: a report of the
 American College of Cardiology/American Heart Association task force on
 clinical practice guidelines. J Am Coll Cardiol 2019; 73: 3168-3209.

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Creatinine		
Lab Type:	Chemistry/Hematology	Ordering Provider:	DULAI, KAMALPREET
Specimen:	Plasma (substance)	Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	09 Jun 2022 @ 1207	Collected Location:	SACRAMENTO VA MEDICAL CENTER

Test Name	Result	Units	Reference Range	Status	Performing Location																					
CREATININE	1.00	mg/dL	(0.5-1.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200																					
eGFR (CKD-EPI)	85	--	(>60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200																					
Interpretation:	<p>Estimated Glomerular Filtration Rate (eGFR) calculated using the 2021 Chronic Kidney Disease-Epidemiology (CKD-EPI) Collaboration creatinine equation; units of measure are mL/min/1.73 m². Results are only valid for adults (=18 years) whose serum creatinine is in a steady state. eGFR calculations are not valid for patients with acute kidney injury and for patients on dialysis. Creatinine-based estimates of kidney function may also be inaccurate in patients with reduced creatinine generation due to decreased muscle mass (e.g., malnutrition, severe hypoalbuminemia, sarcopenia, chronic neuromuscular disease, amputations, severe heart failure or liver disease) and in patients with increased creatinine generation due to increased muscle mass (e.g., muscle builders, anabolic steroids) or increased dietary intake.</p> <p>As drug clearance is proportional to total GFR and not GFR indexed to body surface area (BSA), in individuals with a BSA substantially different than 1.73 m², drug dosing should be based the reported eGFR value de-indexed from BSA by multiplying by the individual's BSA and dividing by 1.73</p> <p>CKD is diagnosed based on abnormalities of kidney structure or function, present for >3 months, with implications for health and disease. CKD is classified and staged based on cause, eGFR and albuminuria (quantified as urine albumin to creatinine ratio). An eGFR >60 mL/min/1.73 m² in the absence of increased urine albumin excretion or structural abnormalities does not represent CKD.</p> <table> <thead> <tr> <th>eGFR (mL/min/1.73 m²)</th> <th>CKD stage</th> <th>Interpretation</th> </tr> </thead> <tbody> <tr> <td>>=90</td> <td>G1</td> <td>Normal</td> </tr> <tr> <td>60-89</td> <td>G2</td> <td>Mild decrease</td> </tr> <tr> <td>45-59</td> <td>G3A</td> <td>Mild to moderate decrease</td> </tr> <tr> <td>30-44</td> <td>G3B</td> <td>Moderate to severe decrease</td> </tr> <tr> <td>15-29</td> <td>G4</td> <td>Severe decrease</td> </tr> <tr> <td><15</td> <td>G5</td> <td>Kidney failure</td> </tr> </tbody> </table>					eGFR (mL/min/1.73 m ²)	CKD stage	Interpretation	>=90	G1	Normal	60-89	G2	Mild decrease	45-59	G3A	Mild to moderate decrease	30-44	G3B	Moderate to severe decrease	15-29	G4	Severe decrease	<15	G5	Kidney failure
eGFR (mL/min/1.73 m ²)	CKD stage	Interpretation																								
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60-89	G2	Mild decrease																								
45-59	G3A	Mild to moderate decrease																								
30-44	G3B	Moderate to severe decrease																								
15-29	G4	Severe decrease																								
<15	G5	Kidney failure																								
Comments:	--																									
Performing Location Name/Address:																										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200																										

Lab Test: Metabolic Panel
Lab Type: Chemistry/Hematology
Ordering Provider: DULAI, KAMALPREET

Specimen: Plasma (substance)				Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected: 09 Jun 2022 @ 1207				Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
GLUCOSE	115	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
UREA NITROGEN	19	mg/dL	(8-26)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
SODIUM	137	mmol/L	(136-144)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
POTASSIUM	5.3 High	mmol/L	(3.4-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CHLORIDE	105	mmol/L	(98-106)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CO2	28	mmol/L	(23-33)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM	9.9	mg/dL	(8.7-10.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Glycohemoglobin HbA 1c		
Lab Type:	Chemistry/Hematology	Ordering Provider:	DULAI, KAMALPREET
Specimen:	Blood (substance)	Ordering Location:	SACRAMENTO VA MEDICAL CENTER

Date/Time Collected: 09 Jun 2022 @ 1205				Collected Location: SACRAMENTO VA MEDICAL CENTER						
Test Name	Result	Units	Reference Range	Status	Performing Location					
HGBA1c	6.0 High	%	(4.1-5.7)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					
Interpretation:	<p>Target A1C values should be individualized. Better understanding of A1C for Veterans, and discuss treatment options through the process of Shared Decision Making.</p> <p>The performance characteristics of this assay have been certified by the National Glycohemoglobin Standardization Program (NGSP) as having documented traceability to the Diabetes Control and Complications Trial reference method. This assay has been in use at our institution since 02/04/05.</p>									
eAG	126 High	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					
Interpretation:	<p>eAG = Calculated Estimated Average Daily Glucose and may be easier for patients to understand than an A1c result.</p> <p>Calculation: $28.7 \times \text{HGBA1c} - 46.7$</p>									
Comments: --										
Performing Location Name/Address:										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200										

Lab Test: Thyroid Stimulating Hormone										
Lab Type: Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET							
Specimen: Serum (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER							
Date/Time Collected: 09 Jun 2022 @ 1205		Collected Location:	SACRAMENTO VA MEDICAL CENTER							
Test Name	Result	Units	Reference Range	Status	Performing Location					
TSH	3.06	uIUUnits/mL	(0.34-5.60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					
Comments:	--									
Performing Location Name/Address:										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200										

Lab Test: Vitamin B12			
Lab Type: Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET

Specimen:	Serum (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	09 Jun 2022 @ 1205			Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
B12	110 Low	pg/ml	(211-911)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Vitamin D 25 Hydroxy~ACCESS DXI				
Lab Type:	Chemistry/Hematology			Ordering Provider:	DULAI, KAMALPREET
Specimen:	Serum (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	09 Jun 2022 @ 1205			Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
VITAMIN D, 25-HYDROXY	22.5	ng/mL	(20-100)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Interpretation: Experts don't agree on optimal Vitamin D levels in blood. Blood levels of Vitamin D are not a direct indication of Vitamin D inadequacy or adequacy. A generally accepted target value of Vitamin D greater than 20 ng/mL should be sought for high risk individuals which includes women who are pregnant, lactating, or perimenopausal. Vitamin D values above 20 ng/mL should also be targeted for people diagnosed with osteopenia, anorexia nervosa, malabsorption syndromes like celiac sprue, or people who have had gastric bypass surgeries. In addition, individuals who have dark skin, or wear total skin covering (and thus absorb less sunlight) should be screened for Vitamin D deficiency. In the general population, less than 6% of individuals are deficient with a Vitamin D value >12.5 ng/mL. Please review references below for additional discussion of optimal serum Vitamin D values.

- Ross, A.C.,2011;Institute of Medicine (US) Committee to Review Dietary Reference Intakes for Vitamin D and Calcium, <https://www.ncbi.nlm.nih.gov/books/NBK56070/> doi:10.17226/13050
- Holick,M.F.,2011; An Endocrine Society Clinical Practice Guideline; J Clin Endocrinol Metab 96(7):1911-1930
- Manson,J.E.,2016; Vitamin D Deficiency-Is There Really a Pandemic?; N Engl J Med 375:1817-1820

Comments: --

Performing Location Name/Address:	
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200	

Lab Test:	Blood Occult feces~IMM				
Lab Type:	Chemistry/Hematology			Ordering Provider:	DULAI, KAMALPREET
Specimen:	Feces (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	07 Feb 2022 @ 1749			Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
OCCULT BLOOD (FIT) #1 OF 1	Negative	--	(Negative)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	The FIT test should NOT be used for suspected upper GI bleeds. Test performed at VAMC Sacramento, 10535 Hospital Way, Mather,Ca..				
Comments:	--				
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Thyroid Stimulating Hormone				
Lab Type:	Chemistry/Hematology			Ordering Provider:	DULAI, KAMALPREET
Specimen:	Serum (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	08 Dec 2021 @ 1253			Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
TSH	3.26	uIUUnits/mL	(0.34-5.60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments:	--				
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Prostate Specific Ag				
Lab Type:	Chemistry/Hematology			Ordering Provider:	DULAI, KAMALPREET
Specimen:	Serum (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	08 Dec 2021 @ 1253			Collected Location:	SACRAMENTO VA MEDICAL CENTER

Test Name	Result	Units	Reference Range	Status	Performing Location
PSA	1.23	ng/ml	(0-4.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test: Vitamin B12	Lab Type: Chemistry/Hematology	Ordering Provider: DULAI, KAMALPREET			
Specimen: Serum (substance)	Ordering Location: SACRAMENTO VA MEDICAL CENTER				
Date/Time Collected: 08 Dec 2021 @ 1253	Collected Location: SACRAMENTO VA MEDICAL CENTER				
Test Name	Result	Units	Reference Range	Status	Performing Location
B12	110 Low	pg/ml	(211-911)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test: Vitamin D 25 Hydroxy~ACCESS DXI	Lab Type: Chemistry/Hematology	Ordering Provider: DULAI, KAMALPREET								
Specimen: Serum (substance)	Ordering Location: SACRAMENTO VA MEDICAL CENTER									
Date/Time Collected: 08 Dec 2021 @ 1253	Collected Location: SACRAMENTO VA MEDICAL CENTER									
Test Name	Result	Units	Reference Range	Status	Performing Location					
VITAMIN D, 25-HYDROXY	12.2 Low	ng/mL	(30-100)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					
Interpretation:	Total 25-OH Vitamin D levels of < 20 ng/ml are indicative of Vitamin D deficiency. Levels between 20 ng/ml and 30 ng/ml suggest insufficiency. Optimal Vitamin D levels are > 30 ng/ml.									
Comments: --										
Performing Location Name/Address:										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200										

Lab Test: Hemogram V~SYSMEX XE-2100					
Lab Type: Chemistry/Hematology		Ordering Provider: DULAI, KAMALPREET			
Specimen: Blood (substance)		Ordering Location: SACRAMENTO VA MEDICAL CENTER			
Date/Time Collected: 08 Dec 2021 @ 1253		Collected Location: SACRAMENTO VA MEDICAL CENTER			
Test Name	Result	Units	Reference Range	Status	Performing Location
WBC	6.7	K/cmm	(4.8-10.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
RBC	5.31	M/cmm	(4.7-6.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
HGB	15.8	g/dL	(14-18)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
HCT	48.0	%	(42-52)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCV	90.4	fL	(80-99)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCH	29.8	uug	(27-34)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCHC	32.9	gm/dL	(31.8-35.3)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
PLT	360	K/cmm	(130-400)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MPV	9.6	fL	(9.1-12.5)	Final	SACRAMENTO VA MEDICAL CENTER

					10535 HOSPITAL WAY , MATHER, CA 95655-4200
LYMPH %	28.0	%	(20-51)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LYMPH #	1.9	K/cmm	(1.2-3.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
MONO %	9.3	%	(2.0-13.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
MONO #	0.6	K/cmm	(0.2-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
EOS %	1.6	%	(0.5-7.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
EOS #	0.1	K/cmm	(0.1-0.5)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
BASO %	0.7	%	(0-2.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
NEUT #	4.0	K/cmm	(1.5-7.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
NEUT %	60.0	%	(40-80)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
BASO #	0.1	K/cmm	(0.0-0.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL

					WAY , MATHER, CA 95655-4200
IG #	0.0	K/cmm	(<0.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
IG %	0.4	%	(<4.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
RDW-SD	45.4 High	fL	(35.1-43.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Glycohemoglobin HbA 1c				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Blood (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	08 Dec 2021 @ 1253		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location
HGBA1c	6.0 High	%	(4.1-5.7)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	<p>Target A1C values should be individualized. Better understanding of A1C for Veterans, and discuss treatment options through the process of Shared Decision Making.</p> <p>The performance characteristics of this assay have been certified by the National Glycohemoglobin Standardization Program (NGSP) as having documented traceability to the Diabetes Control and Complications Trial reference method. This assay has been in use at our institution since 02/04/05.</p>				
eAG	126 High	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:					

eAG = Calculated Estimated Average Daily Glucose and may be easier for patients to understand than an A1c result.
Calculation: $28.7 \times \text{HGBA1c} - 46.7$

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Lipid Panel				
Lab Type:	Chemistry/Hematology			Ordering Provider:	DULAI, KAMALPREET
Specimen:	Plasma (substance)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	08 Dec 2021 @ 1252			Collected Location:	SACRAMENTO VA MEDICAL CENTER

Test Name	Result	Units	Reference Range	Status	Performing Location
CHOLESTEROL	260 High	mg/dL	(<200)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TRIGLYCERIDE	171 High	mg/dL	(<150)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
HDL CHOLESTEROL	50	mg/dL	(>40)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LDL CHOLESTEROL	176 High	mg/dL	(<160)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Interpretation: Risk enhancing factors are used in concert with the Pooled Cohort Equation (10 Year ASCVD Risk - Borderline and Intermediate Risk) to decide on Management in non-diabetic patients .
Family history of premature ASCVD
Primary hypercholesterolemia -LDL-C, 160-189 mg/dL *.
Metabolic Syndrome
Chronic Kidney Disease
Chronic inflammatory conditions
History of premature menopause (before age 40 yr) and history of pregnancy-associated conditions that increase later ASCVD risk such as preeclampsia.
High-risk race/ethnicities
Lipid/biomarkers:
Persistently* elevated, primary hypertriglyceridemia (>=175

mg/dL);

Elevated high hsCRP (≥ 2.0 mg/L);

Elevated Lp(a): A relative indication for its measurement is family history of premature ASCVD without known risk factors. An Lp(a) ≥ 50 mg/dL constitutes a risk-enhancing factor especially at higher levels of Lp(a).

Elevated apoB ≥ 130 mg/dL: A relative indication for its measurement would be triglyceride ≥ 200 mg/dL. A level ≥ 130 mg/dL corresponds to an LDL-C > 160 mg/dL and constitutes a risk-enhancing factor.

ankle-brachial index (ABI) < 0.9

Risk-Enhancing Factors for Primary Prevention

* Optimally, 3 determinations.

Rarely if risk status is still uncertain a Coronary Artery Calcium (CAC) Score can be done to inform decision making and statin therapy.

In Diabetic patients the following Risk Enhancing Factors help decide on management

Duration of diabetes: ≥ 10 years for T2DM and ≥ 20 years for T1DM

Retinopathy

Albuminuria > 30 mg/G creatinine

eGFR < 60 ml/min/m²

Decreased ABI < 0.9

Neuropathy

Reference

Grundy SM, Stone NJ, Bailey AL, et al. 2018

AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/ AGS/APhA/ASPC/NLA/PCNA guideline on the

management of blood cholesterol: executive summary: a report of the American College of Cardiology/American Heart Association task force on clinical practice guidelines. J Am Coll Cardiol 2019; 73: 3168-3209.

Comments: For eGFR: Race unknown, if African American multiply result by 1.210

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200

Lab Test:	Comprehensive Met Panel				
Lab Type:	Chemistry/Hematology		Ordering Provider:	DULAI, KAMALPREET	
Specimen:	Plasma (substance)		Ordering Location:	SACRAMENTO VA MEDICAL CENTER	
Date/Time Collected:	08 Dec 2021 @ 1252		Collected Location:	SACRAMENTO VA MEDICAL CENTER	
Test Name	Result	Units	Reference Range	Status	Performing Location
GLUCOSE	100	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
UREA NITROGEN	15	mg/dL	(8-26)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL

					WAY , MATHER, CA 95655-4200
CREATININE	0.90	mg/dL	(0.5-1.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
SODIUM	137	mmol/L	(136-144)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
POTASSIUM	4.2	mmol/L	(3.4-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CHLORIDE	101	mmol/L	(98-106)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CO2	27	mmol/L	(23-33)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
PROTEIN	7.7	g/dL	(6.5-8.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALBUMIN	4.9 High	g/dL	(3.3-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TOTAL BILIRUBIN	0.8	mg/dL	(.3-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALKALINE PHOSPHATASE	60	IntUnits/L	(37-107)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	The normal range is for an adult population less than 50 years old. Alk Phos increases with age over 50 to about 60% higher values by ages greater than 75 years old.				
AST (SGOT)	24	IntUnits/L	(8-42)	Final	SACRAMENTO VA

					MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALT (SGPT)	26	IntUnits/L	(5-55)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM	9.5	mg/dL	(8.7-10.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
eGFR	85.5	mL/min	(>60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation: eGFR Units = mL/min/1.73 square meters					
Comments: For eGFR: Race unknown, if African American multiply result by 1.210					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	SARS-CoV-2 RNA QI NAA+probe~AUTO MISC INST 2				
Lab Type:	Chemistry/Hematology	Ordering Provider:	DULAI, KAMALPREET		
Specimen:	Nasopharyngeal structure (body structure)	Ordering Location:	SACRAMENTO VA MEDICAL CENTER		
Date/Time Collected:	23 Sep 2021 @ 1007	Collected Location:	SACRAMENTO VA MEDICAL CENTER		
Test Name	Result	Units	Reference Range	Status	Performing Location
COVID-19 (ALINITY M)	Negative	--	(Negative)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: Test performed on Abbott Alinity M					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Viral PCR Panel~AUTO MOLECULAR INST 1				
Lab Type:	Chemistry/Hematology	Ordering Provider:	DULAI, KAMALPREET		
Specimen:	Nasopharyngeal structure (body structure)	Ordering Location:	SACRAMENTO VA MEDICAL CENTER		
Date/Time Collected:	28 Apr 2021 @ 0950	Collected Location:	SACRAMENTO VA MEDICAL CENTER		

Test Name	Result	Units	Reference Range	Status	Performing Location
COVID-19 PCR (FLUVID)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	Negative results do not preclude SARS-CoV2 infection and should not be used as the sole basis for treatment or other patient management decisions. Negative results must be combined with clinical observations, patient history and epidemiological information.				
FLU A PCR (FLUVID)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
FLU B PCR (FLUVID)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
RSV PCR (FLUVID)	NEGATIVE	--	(NEGATIVE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: Cepheid GeneXpert Dx (612A4)					
Performing Location Name/Address: SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Human Coronavirus RNA QI PCR~VA SAN FRANCISCO, CA				
Lab Type:	Chemistry/Hematology			Ordering Provider:	BUCAYCAY, ELEANOR
Specimen:	Nasopharyngeal structure (body structure)			Ordering Location:	SACRAMENTO VA MEDICAL CENTER
Date/Time Collected:	06 Oct 2020 @ 1100			Collected Location:	SACRAMENTO VA MEDICAL CENTER
Test Name	Result	Units	Reference Range	Status	Performing Location
COVID-19 (SFVA)	Not Detected	--	(Not Detected)	Final	SAN FRANCISCO VAMC 4150 CLEMENT STREET , SAN FRANCISCO, CA 94121-1545
Interpretation:	Negative results do not preclude SARS-CoV2 infection and should not be used as the sole basis for treatment or other patient management decisions. Negative results must be combined with clinical observations, patient history and epidemiological information.				

Comments:	This test was approved for in vitro diagnostic use under FDA Emergency Use Authorization only. The test was developed and distributed by Abbott Diagnostics. Additional validation has been performed by the clinical laboratory at San Francisco VA Medical Center.
Performing Location Name/Address: SAN FRANCISCO VAMC 4150 CLEMENT STREET , SAN FRANCISCO, CA 94121-1545	

Lab Test:	Human Coronavirus RNA QI PCR~VA SAN FRANCISCO, CA				
Lab Type:	Chemistry/Hematology				
Specimen:	Nasopharyngeal structure (body structure)				
Date/Time Collected:	15 Sep 2020 @ 1417				
Test Name	Result	Units	Reference Range	Status	Performing Location
COVID-19 (SFVA)	Not Detected	--	(Not Detected)	Final	SAN FRANCISCO VAMC 4150 CLEMENT STREET , SAN FRANCISCO, CA 94121-1545
Interpretation:	Negative results do not preclude SARS-CoV2 infection and should not be used as the sole basis for treatment or other patient management decisions. Negative results must be combined with clinical observations, patient history and epidemiological information.				
Comments:	This test was approved for in vitro diagnostic use under FDA Emergency Use Authorization only. The test was developed and distributed by Abbott Diagnostics. Additional validation has been performed by the clinical laboratory at San Francisco VA Medical Center.				
Performing Location Name/Address: SAN FRANCISCO VAMC 4150 CLEMENT STREET , SAN FRANCISCO, CA 94121-1545					

Lab Test:	Lipid Panel				
Lab Type:	Chemistry/Hematology				
Specimen:	Plasma (substance)				
Date/Time Collected:	20 Aug 2020 @ 1036				
Test Name	Result	Units	Reference Range	Status	Performing Location
CHOLESTEROL	234 High	mg/dL	<200)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

TRIGLYCERIDE	285 High	mg/dL	(<150)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200					
HDL CHOLESTEROL	38 Low	mg/dL	(>40)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200					
LDL CHOLESTEROL	139	mg/dL	(<160)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200					
Interpretation:	<p>RISK CATEGORY LDL GOAL</p> <p>CHD and CHD risk equivalents <100 mg/dL</p> <p>Multiple (2+) risk factors <130 mg/dL</p> <p>0-1 risk factor <160 mg/dL</p> <p>HDL Chol. greater than/equal to 60 mg/dL counts as "negative" risk factor; its presence removes 1 risk factor from the total count.</p> <p>Ref: Adult Treatment Panel III (ATP III) JAMA 5/16/01 Vol. 285 #19.</p>									
Comments:	--									
Performing Location Name/Address:										
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200										

Lab Test:	Hepatic Function Panel				
Lab Type:	Chemistry/Hematology				
Specimen:	Plasma (substance)				
Date/Time Collected:	20 Aug 2020 @ 1035				
Test Name	Result	Units	Reference Range	Status	Performing Location
PROTEIN	7.3	g/dL	(6.5-8.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
ALBUMIN	4.5	g/dL	(3.3-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
TOTAL BILIRUBIN	0.6	mg/dL	(.3-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200

DIRECT BILIRUBIN	<0.1 Low	mg/dL	(0.1-0.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALKALINE PHOSPHATASE	62	IntUnits/L	(37-107)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	The normal range is for an adult population less than 50 years old. Alk Phos increases with age over 50 to about 60% higher values by ages greater than 75 years old.				
AST (SGOT)	22	IntUnits/L	(8-42)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
ALT (SGPT)	21	IntUnits/L	(5-55)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: For eGFR: Race unknown, if African American multiply result by 1.210					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Metabolic Panel				
Lab Type:	Chemistry/Hematology		Ordering Provider:	BUWAYCAY, ELEANOR	
Specimen:	Plasma (substance)		Ordering Location:	MCCLELLAN VA CLINIC	
Date/Time Collected:	20 Aug 2020 @ 1035		Collected Location:	MCCLELLAN VA CLINIC	
Test Name	Result	Units	Reference Range	Status	Performing Location
GLUCOSE	117	mg/dL	(74-118)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
UREA NITROGEN	19	mg/dL	(8-26)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CREATININE	1.10	mg/dL	(0.5-1.1)	Final	SACRAMENTO VA MEDICAL CENTER

SODIUM	134 Low	mmol/L	(136-144)	Final	10535 HOSPITAL WAY , MATHER, CA 95655-4200
POTASSIUM	4.1	mmol/L	(3.4-4.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CHLORIDE	99	mmol/L	(98-106)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CO2	24	mmol/L	(23-33)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM	9.3	mg/dL	(8.7-10.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
eGFR	68.3	mL/min	(>60)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation: eGFR Units = mL/min/1.73 square meters					
Comments: For eGFR: Race unknown, if African American multiply result by 1.210					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Test:	Thyroid Stimulating Hormone				
Lab Type:	Chemistry/Hematology		Ordering Provider:	BUCAYCAY, ELEANOR	
Specimen:	Serum (substance)		Ordering Location:	MCCELLAN VA CLINIC	
Date/Time Collected:	20 Aug 2020 @ 1035		Collected Location:	MCCELLAN VA CLINIC	
Test Name	Result	Units	Reference Range	Status	Performing Location
TSH	3.51	ulUnits/mL	(0.34-5.60)	Final	SACRAMENTO VA MEDICAL CENTER

10535 HOSPITAL
WAY , MATHER, CA
95655-4200

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Epithelial Cast~MICROSCOPY LIGHT HPF				
Lab Type:	Chemistry/Hematology				Ordering Provider: BUCAYCAY, ELEANOR
Specimen:	Urine (substance)				Ordering Location: MCCLELLAN VA CLINIC
Date/Time Collected:	20 Aug 2020 @ 1035				Collected Location: MCCLELLAN VA CLINIC

Test Name	Result	Units	Reference Range	Status	Performing Location
EPITHELIAL CASTS	[none]	per lpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Transitional Epithelial				
Lab Type:	Chemistry/Hematology				Ordering Provider: BUCAYCAY, ELEANOR
Specimen:	Urine (substance)				Ordering Location: MCCLELLAN VA CLINIC
Date/Time Collected:	20 Aug 2020 @ 1035				Collected Location: MCCLELLAN VA CLINIC

Test Name	Result	Units	Reference Range	Status	Performing Location
TRANSITIONAL EPITHELIAL CELLS	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Comments: --

Performing Location Name/Address:

SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200

Lab Test:	Gen Chem Specimen				
Lab Type:	Chemistry/Hematology				Ordering Provider: BUCAYCAY, ELEANOR
Specimen:	Urine (substance)				Ordering Location: MCCLELLAN VA CLINIC

Date/Time Collected: 20 Aug 2020 @ 1035				Collected Location:	MCCLELLAN VA CLINIC
Test Name	Result	Units	Reference Range	Status	Performing Location
APPEARANCE	Turbid	--		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE COLOR	Amber	--		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
SPECIFIC GRAVITY	1.025	--	(1.003-1.035)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
UR. UROBILINOGEN	<0.2 Low	mg/dL	(0.2-1.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE BLOOD	Negative	--	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE BILIRUBIN	Negative	--	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE KETONES	Negative	mg/dL	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE GLUCOSE	Negative	mg/dL	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE PROTEIN	Negative	mg/dL	(NEGTRACE)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE PH	5.0	--	(5.0-8.0)	Final	SACRAMENTO VA MEDICAL CENTER

					10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE WBC/HPF	0-5	per hpf	(0-5)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE RBC/HPF	0-2	per hpf	(0-2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
EPIHELIAL CELLS	0-5	per hpf	(0-5)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE BACTERIA	Rare	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE MUCOUS	Rare	--		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
HYALINE CASTS	[none]	per lpf	(0-2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
GRANULAR CASTS	[none]	per lpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URINE YEAST	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TRICHOMONAS	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
AMORPHOUS SEDIMENT	[none]	--		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL

					WAY , MATHER, CA 95655-4200
URINE NITRITE	Negative	--	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LEUKOCYTE ESTERASE	Negative	Leu/uL	(NEG)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Interpretation:	<p>Reflex cultures are not performed on Urinalysis orders for future collection. If a culture is needed on this specimen, the laboratory must be notified within 48 hours of collection.</p> <p>Mather lab: 916-366-5373 Martinez lab: 916-372-2961 Redding lab: 530-226-7595 Oakland lab: 510-267-7532 Chico lab: 530-879-5024</p>				
CELLULAR CASTS	[none]	per lpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
RENAL EPITHELIAL CELLS	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
CALCIUM OXALATE CRYST	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
URIC ACID CRYSTALS	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
TRIPLE PHOSPHATE CRYST	[none]	per hpf		Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					
Performing Location Name/Address:					
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

Lab Type: Chemistry/Hematology			Ordering Provider: BUCAYCAY, ELEANOR		
Specimen: Blood (substance)			Ordering Location: MCCLELLAN VA CLINIC		
Date/Time Collected: 20 Aug 2020 @ 1035			Collected Location: MCCLELLAN VA CLINIC		
Test Name	Result	Units	Reference Range	Status	Performing Location
WBC	5.1	K/cmm	(4.8-10.8)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
RBC	5.25	M/cmm	(4.7-6.1)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
HGB	15.7	g/dL	(14-18)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
HCT	46.7	%	(42-52)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCV	89.0	fL	(80-99)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCH	29.9	uug	(27-34)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MCHC	33.6	gm/dL	(31.8-35.3)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
PLT	307	K/cmm	(130-400)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY, MATHER, CA 95655-4200
MPV	9.7	fL	(9.1-12.5)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL

					WAY , MATHER, CA 95655-4200
LYMPH %	28.0	%	(20-51)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
LYMPH #	1.4	K/cmm	(1.2-3.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
MONO %	8.8	%	(2.0-13.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
MONO #	0.5	K/cmm	(0.2-1.2)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
EOS %	1.8	%	(0.5-7.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
EOS #	0.1	K/cmm	(0.1-0.5)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
BASO %	0.6	%	(0-2.0)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
NEUT #	3.1	K/cmm	(1.5-7.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
NEUT %	60.6	%	(40-80)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
BASO #	0.0	K/cmm	(0.0-0.2)	Final	SACRAMENTO VA MEDICAL CENTER

					10535 HOSPITAL WAY , MATHER, CA 95655-4200
IG #	0.0	K/cmm	(<0.4)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
IG %	0.2	%	(<4.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
RDW-SD	43.4	fL	(35.1-43.9)	Final	SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200
Comments: --					Performing Location Name/Address:
SACRAMENTO VA MEDICAL CENTER 10535 HOSPITAL WAY , MATHER, CA 95655-4200					

VA Pathology Reports

Source: VA

Last Updated: 31 Dec 2023 @ 1453

No information was available that matched your selection. However, if you recently had a VA pathology specimen collected, the reports may be available thirty-six (36) hours after they have been completed. Some studies done at a non-VA facility may not be available or they may not necessarily include an interpretation.

Note: Your provider may not have had a chance to read your VA pathology reports. If you have any concerns about your reports, contact your health care team.

Self Reported Labs and Tests

Source: Self-Entered
No information was available that matched your selection.

VA Vitals and Readings

Source: VA
Last Updated: 31 Dec 2023 @ 1453
VA Vitals and Readings displays your most recent record for each vital sign and health reading listed in your VA health record, grouped by the type of vital sign or health reading. Your Shared Vitals that are shared with your VA health care team will not display in this report. If you have any questions about your information, contact your VA health care team.

This section shows your most recent record for each vital sign and health reading.

Vital Sign or Health Reading	Measurement	Date/Time Collected
Blood Pressure	145/89 mm[Hg]	22 Sep 2023 @ 1543
Pulse Rate	82 /min	22 Sep 2023 @ 1543
Respiration	18 /min	22 Sep 2023 @ 1400
Temperature	98.3 F	22 Sep 2023 @ 1543
Pain Level	5	22 Sep 2023 @ 1543
Weight	166.2 lb	22 Sep 2023 @ 1543

This section shows all of the vital signs and health readings listed in your VA health record based on the dates you selected when you requested your VA Blue Button. They are grouped by the type of vital sign or health reading.

Sorted By: Type of Vital Sign or Health Reading, then Date/Time (Descending)

Vital Sign: Blood Pressure
Measurement: 145/89 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1543

Vital Sign: Blood Pressure
Measurement: 146/81 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1400

Vital Sign: Blood Pressure
Measurement: 148/89 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1300

Vital Sign: Blood Pressure
Measurement: 169/92 mm[Hg]
Comments: --

Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1216

Vital Sign: Blood Pressure
Measurement: 152/94 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 0924

Vital Sign: Blood Pressure
Measurement: 164/91 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 0919

Vital Sign: Blood Pressure
Measurement: 137/87 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 20 Apr 2023 @ 1022

Vital Sign: Blood Pressure
Measurement: 128/76 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 12 Sep 2022 @ 0953

Vital Sign: Blood Pressure
Measurement: 137/83 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 09 Jun 2022 @ 1006

Vital Sign: Blood Pressure
Measurement: 123/70 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 09 Dec 2021 @ 1115

Vital Sign: Blood Pressure
Measurement: 128/74 mm[Hg]
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 15 Sep 2020 @ 1227

Vital Sign: Temperature

Measurement:	98.3 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1543

Vital Sign:	Temperature
Measurement:	98.3 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1400

Vital Sign:	Temperature
Measurement:	98.9 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 0919

Vital Sign:	Temperature
Measurement:	97.7 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	20 Apr 2023 @ 1022

Vital Sign:	Temperature
Measurement:	98.3 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	12 Sep 2022 @ 0953

Vital Sign:	Temperature
Measurement:	98.8 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Jun 2022 @ 1006

Vital Sign:	Temperature
Measurement:	97 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Dec 2021 @ 1115

Vital Sign:	Temperature
Measurement:	96.8 F
Comments:	--
Location:	No CA Healthcare Sys-Martinez

Date/Time Collected: 28 Apr 2021 @ 1001
--

Vital Sign: Temperature
Measurement: 98.1 F
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 15 Sep 2020 @ 1227

Vital Sign: Pain Level
Measurement: 5
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1543

Vital Sign: Pain Level
Measurement: 0
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1400

Vital Sign: Pain Level
Measurement: 0
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1300

Vital Sign: Pain Level
Measurement: 0
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 1216

Vital Sign: Pain Level
Measurement: 0
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 0924

Vital Sign: Pain Level
Measurement: 9
Comments: --
Location: No CA Healthcare Sys-Martinez
Date/Time Collected: 22 Sep 2023 @ 0919

Vital Sign: Pain Level
Measurement: 0

Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	20 Apr 2023 @ 1022

Vital Sign:	Pain Level
Measurement:	5
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	12 Sep 2022 @ 0955

Vital Sign:	Pain Level
Measurement:	5
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	12 Sep 2022 @ 0953

Vital Sign:	Pain Level
Measurement:	0
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Jun 2022 @ 1006

Vital Sign:	Pain Level
Measurement:	6
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Dec 2021 @ 1115

Vital Sign:	Pain Level
Measurement:	0
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	15 Sep 2020 @ 1227

Vital Sign:	Pulse Oximetry
Measurement:	97 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1543

Vital Sign:	Pulse Oximetry
Measurement:	98 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1400

Vital Sign:	Pulse Oximetry
Measurement:	99 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1300

Vital Sign:	Pulse Oximetry
Measurement:	100 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1216

Vital Sign:	Pulse Oximetry
Measurement:	99 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	20 Apr 2023 @ 1022

Vital Sign:	Pulse Oximetry
Measurement:	98 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	12 Sep 2022 @ 0953

Vital Sign:	Pulse Oximetry
Measurement:	97 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Jun 2022 @ 1006

Vital Sign:	Pulse Oximetry
Measurement:	98 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	09 Dec 2021 @ 1115

Vital Sign:	Pulse Oximetry
Measurement:	98 %
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	15 Sep 2020 @ 1227

Vital Sign:	Pulse Rate
Measurement:	82 /min
Comments:	--

Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1543

Vital Sign:	Pulse Rate
Measurement:	72 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1400

Vital Sign:	Pulse Rate
Measurement:	72 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1300

Vital Sign:	Pulse Rate
Measurement:	65 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 1216

Vital Sign:	Pulse Rate
Measurement:	69 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 0924

Vital Sign:	Pulse Rate
Measurement:	74 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	22 Sep 2023 @ 0919

Vital Sign:	Pulse Rate
Measurement:	67 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	20 Apr 2023 @ 1022

Vital Sign:	Pulse Rate
Measurement:	60 /min
Comments:	--
Location:	No CA Healthcare Sys-Martinez
Date/Time Collected:	12 Sep 2022 @ 0953